

ABSTRACT OF THE DISCLOSURE

A fuel injector for fuel-injection systems of internal combustion engines includes an excitable actuator, a valve needle, which is in operative connection with the actuator and acted upon in a closing direction by a restoring spring to actuate a valve-closure member, which, together with a valve-seat surface formed on a valve-seat body, forms a sealing seat; and having at least one spray-discharge orifice which is formed in the valve-seat body. A guide region, which is formed in the valve-seat member and in which the valve-closure member is guided, is configured in such a way that it tapers conically in a flow direction of the fuel.